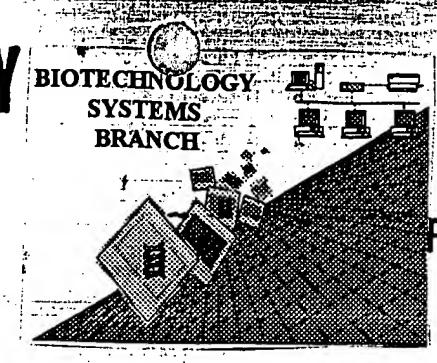
FILE COPY BIOTECHNOLOGY SYSTEMS

RAW SEQUENCE LISTING ERROR REPORT



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JAN 10 2001

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/265,540C

Source:

Date Processed by STIC:

1643

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin30help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: _(ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. RECEIVED This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping". JAN 10 2001 The amino acid number/text at the end of each line "wrapped" down to the next line. Wrapped Aminos This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping". TRECH CEMIES. Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces. Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers. Numbering Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text so that it can be processed. Variable Length contain n's or Xaa's which represented more than one residue. Sequence(s) As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing. Patentin ver. 2.0 "bug" A "bug" in Patentin version 2.0 has caused the <220>-<223> section to be missing from amino acid Normally, Patentin would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences. Skipped Sequences missing. If intentional, please use the following format for each skipped sequence: (OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: This sequence is intentionally skipped Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s). Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence. Skipped Sequences (NEW RULES) <210> sequence id number \$400> sequence id number 000 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing. (NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents. 11 ____ Use of <213>Organism Sequence(s) _____ are missing this mandatory field or its response. (NEW RULES) 12 ____ Use of <220>Feature Sequence(s) ____ are missing the <220>Feature and associated headings. (NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown" Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules) Patentin ver. 2.0 "bug" Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted

Instead, please use "File Manager" or any other means to copy file to floppy disk.

file, Testalling in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).

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1643

JAN 1 0 2001

RAW SEQUENCE LISTING

PATEURT APPLICATION: US/09/265,540C

DATE: 01/03/2001 TIME: 12:53:41

TECH CENTER 1600/2900

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          Moore, Kevin W.
          Hurgolo, Nicholas J.
          Bazan, J. Fernando
  8 <120> TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
 10 <130> FILE REFERENCE: DX0804K
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 13 <141> CUPPENT FILING DATE: 1999-03-08
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61 agalygolya galggacaga algorillati (tygawagaa acaalginot aggrowact 120
63 gagtetaceu a ath eag act ito aca atg git eta gaa gaa ate igg aca 170
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64
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RAW SEQUENCE LISTING

DATE: 01/02/2001 PATENT APPLICATION: US/09/265,540C TLME: 12:53:41

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	68 69	Ser	Leu	Phe	Met	tgg Trp	Phe	Phe	uae Tyr	g da Alla	t Eg Leu	att. Tle	Pro	tgt Cys	t.t.g Leu	ete Leu	aca Fhr	318			REC	EIVI	ED
	71.	gat	15 92a	gtg	god	at.t.	etg	20 cat	gee	cet	cag	aac	25 arc	tet	gta	etç	t.ca	266					
	7.3	30				1.10	3.5					40					45				JAN	1 0 200	01
	75 76	acc Thr	auc Asn	at.g Weit	aag Lys	cat His	ot.c Lou	titig Leu	atg Mat	tigg Tup	age Ser	dda Pro	gtg Val	ate The	geq Ala	dat Pro	gga Gly	33.4			••		
	77					50 tat					55					60		362			TECH CE	nter 160	WZGCU
	30 81	Glu	Thr	Va l.	Tvr 65	Tyr	Ser	√a1	Ğlu	Τγυ 70	Gla	G J.7	Glu	Тук	Glu 75	Ser	Leu	.702					
	83 84	tae Tyr	acq Thr	ago Ser	cac His	at.c Tle	tgg Tro	atc De	ecc Pro	age	age Swe	tag Tro	tigo Cue	tiga	atic	àch	gaa	41.0					
	8.			3.0					8.5					90				1.50					
	88 89	GLy	P.co 95	GLu	Cys	gat. Asp	Val	Thr 100	Asp	Asp	The	Thr	Ala	Thr	guq Val	pca Pro	tac Fyr	458					
	94	ade Agn	ott	CG L	qto	agg	geo Ma	aca	t.l.g	gac	tica	cag	105 acc	tea	gge	tgg	age	506					
	93	1.1.0					1.15					120°					125						
•	96 97	Lle	Leu	hys	His	occ Pro	Phe	aat Asn	aga Arg	aac Asu	nça Ser	acc The	atc fle	ot.t. Leu	acc. Thr	oga Ard	cct Pro	554					
	111					3 1 ()																	
•	- 117 - 99 - 100	ggg	atg	gag	atc	ide nec	aaa	паt	ggc	ttc	135 cac	ctq	qtt	att	gag	140 ct a	aaa	602	1	/	, \		×
•	10T	_ Gly	r Met	: Gl.u	: Ile 145	ńcc Xaa	aaa Lys	nat Xaa	ggc Gly	ttc Phe	135 cac His	ctg Leu	gtt Val	att Ile	gag Glu	140 ctg Leu	gag Glu	602	lesse	al	ign	an	ero'
- WC	101 101 103 104	_Gly gac Asp	r Met cetg	: Gl.u [459	Tle 145 CCC	ńcc Xaa cag	aaa Lys	nat Xaa gag	ggc Gly	ttc Phe 150 ett	135 cac His	ctg Leu goo	gtt Val	att Ile	gag Glu 155	140 ctg Leu	gag Glu	602 650	lesse	al	ren	an Ly e	erder
QC	101 103 103 104 105	_Gly - gad - Asp - det	Met ctg Leu	: Glu 1 999 1 Gly 160	I Ile 145 acc Pro	ńce Xaa Cag Gln	aaa Lys ttt Phe	nat Xaa gag Glu	ggc Gly ttc Phe 165	ttc Phe 150 ott Leu	135 cac His gtg Val	ctg Deu geo Ala agg	gtt Val bac Tyr aqt	att Ile tqq Trp 170	gag EGLU 155 Lasg Xaa	140 ctg Lew agg Arg	gag Glu gag Glu	602 650	lesse	al de	res	an ly e	erder
Q/C	101 103 103 104 105	gad Asp cet Pro	Met ctg Leu	F Glu F Gly F Gly 160 F GCC	I Ile 145 acc Pro	ńce Xaa Cag Gln	aaa Lys ttt Phe	nat Xaa gag Glu	ggc Gly tto Phe 105 awa Lys	ttc Phe 150 ott Leu	135 cac His gtg Val	ctg Deu geo Ala agg	gtt Val bac Tyr aqt	att Ile tqq Trp 170 gqq	gag EGLU 155 Lasg Xaa	140 ctg Lew agg Arg	gag Glu	602 650 698	lesse avdi con	al de espe	reet	an ly e	ender ender
	101 103 104 105 107 108 109	gac Asp con Pro	Met ctg Leu ggt Gly 175	F Glu F Gly F GC F Ala	Ile 145 ccc Pro gag Glu	ncc Xaa Gag Gln qaa Glu	aaa Lys ttt Phe cat His	mat Xaa gag Glu qtc Val 180 gaq	ggc Gly ttc Phe 165 aaa Lys	Phe 150 ott Leu ang Men	135 cac His gtg Val gtg Val	ctg Deu gcc Ala agg Arg	gtt Val tac Tyr aqt Ser 185	att Ile Egg Trp 170 ggg	gag 155 asg xaa ggt Gly	140 ctg Lew agg Arg	gag Glu gan Glu coa Pro	602 650 698 746	lesse avd con	al espe	red	an Ly e	nder vdon
(A)	101 103 104 105 107 108 109 111 112	gac Asp con Pro 9tg Val	Met ctg Leu ggt 175 cac	F Glu F Gly 160 F Ala F ota Leu	Tle 145 CCC Pro Gag Gla Gaa Glu	ncc Xaa Cag Gln qaa Glu acc Thr	aaa Lys ttt Phe cat His arg Met	nat Xaa gag Glu qtc Val 180 gaq Glu	ggc Gly tto Phe 165 aaa Dys cca Pro	Phe 150 ott Leu atg Met 999 GLy	135 cac His gtg Val gtq Val	ctg Leu gcc Ala agg Arg gca Ala 200	gtt Val tac Tyr ser 185 tac	att Ile tqq Trp 170 gqq Gly tqt	gag 155 asg Xaa ggt Gly Val	Leu agg Arg ann The	gag Glu gag Glu cca Pro Ala 205	746	lesse acid	al espe	ret	an Ly e	nder order
(V)->	101 103 104 105 107 108 109 111 112 113	gac Asp con Pro Stg Val 190	Met cotq Leu qqt Gly 175 cac Nis	r ggg r Gly 160 r Ala r cta btc	Tle 145 ccc Pro gag Glu gaa	ncc Xaa Cag Gln qaa Glu acc Thr	aaa Lys ttt Phe cat His Met 195	mat Xaa gag Glu qtc Val 180 gaq Glu	ggc Gly tto Phe 165 aaa Lys cca Pro	Phe 150 ott Leu ang Mot ggg	His gtg Val gtt Ala	ctg Deu gcc Ala ayg Arg gca Ala 200	gtt Val tac Tyr aqt Ser 185 tac Tyr	att Ile tqq Trp 170 gqq Gly tgt	gag 155 asg Xaa ggtg Gly Val	Leu agg Arg atn Tie aag Lys cag	gag Glu gag Glu cca Pro GC Ala 205 aca Thr		lesse avd con	al espe	reet	an ly e	no ender
	101 103 104 105 107 109 111 113 115 116 117	gac Asp con Pro Stg Val 190 caq Gln	Met ctq Leu ggt 175 cac His aca Thr	Figlus of Glusses of G	Tle 145 CCC Pro Gag Gla Gla Gla Val	ncc Xaa Cag Gln qaa Glu acc Thr aag Lys 210 gtg	aaa Lys ttt Phe cat His Mot 195 gcc Ala	mat Xaa gag Glu qtc Val 180 gaq Glu att	ggc Gly tto Phe 165 aaa Lys cca Pro Gly	Phe 150 ott Leu ang Met 999 GLy ang Xaa	135 cac His gtg Val gtq Val gct Ala tac Tyr 215	ctg Deu goo Ala ayg goa Ala 200 ago ser	gtt Val tac Tyr aqt Ser 185 tac Tyr gcc Ala	att Ile tqq Trp 170 gqq Gly tgt Cys	gag 155 asg xaa ggtg Gly Val age	ten Len agg Arg att The agg Lys Cag Gin 220	gag Glu gag Glu coa Pro GC Ala 205 aca Thr	746	lesse acid	al espe	reet	an ly co	no inder
	101 103 104 105 107 108 109 111 113 115 116 117 120 121	Gly Gas Asp Gas Gts Gas Glu Gas Glu	Met ctg Leu qqt 175 cac his aca Thr	Figlum Figgrand Figure Files F	Tle 145 CCC Pro Gag Gla Gaa Glu gtg Val gar xaa 225	ncc xaa cag Gln qaa Glu acc Thr aag Lys 210 gtg Val	aaa Lys ttt Phe cat His Met 195 gcc Ala caa Gln	mat Xaa gag Glu qtc Val 180 gag Glu att Ile	ggc Gly tto Phe 165 aaa Dys cca Pro 939 Gly Gly	Phe 150 ctu atg Met 999 GLy arg Xaa 900 Ala 230	Tas cac His gtg Val gtq Val gct Ala tac Tyr 215 att	ctg Leu gcc Ala agg Arg gca Ara 200 agc ser	gtt Val tac Tyr aqt Ser 185 tac Tyr GCC Ala	att Ile tqq Trp 170 qqq tqt Cys ttc Phe Val	gag 155 155 asg Xaa ggt gtg Val agc Ser ctg Leu 235	Lew agg Arg ath The agg Lys Cag Gln 220 Ala	gag Glu gag Glu cca Pro GC Ala 205 aca Thr	746 794 842	lesse avd con	al espe	rect	an ly co	ender endon
	101 103 104 105 107 108 107 108 109 111 115 116 117 120 121 123 124	Gly Gas Asp Cor Pro Gtg Val 100 Cay Gln Gaa Glu ht.t.	Met ctg Leu 175 cac lis aca Thr	Figlure Glure Gly 160 gcc Ala beta beta beta beta beta beta beta bet	Tle 145 CCC Pro Gag Gla Gaa Glu gtg Val gar xaa 225 gtb	ncc xaa cag Gln qaa Glu acc Thr aag Lys 210 gtg Val	aaa Lys ttt Phe cat His Met 195 goo Ala caa Gln	mat xaa gag Glu qtc Val 180 gag Glu alt Ile qaa Gly	ggc Gly tto Phe 165 aaa Lys cca Pro Gly Gly Glu ctg	Phe 150 ctu atg Met 994 arg Xaa 900 Ala 230 atc	Tas cac His gtg Val gtq Val gct Ala tac Tyr 215 att	ctg Deu gcc Ala ayg gca Ala 200 agc Ser ccc Pro	gtt Val tac Tyr aqt Ser 185 tac Tyr gcc Ala otq Leu	att Ile tqq Trp 170 qqq tqt Cys ttc Phe qta Val	gag 155 155 asg yat gtg Val age ctg Leu 235 cca	Lew agg Arg att The agg Lys Cag Gln 220 gcc Ala	gag Glu gag Glu coa Pro GC Ala 205 aca Thr	746	lesse avdi	ale di	reet	an ly co	nder order
	101 103 104 105 107 108 109 111 113 115 116 121 123 124 125 127	Gly gac Asp cor Pro gtg Val 100 cay Gln gaa Glu htt. Phe	Met ctg Leu 175 cac His aca Thr Cys	Figlus 1999 1600 1600 1600 1600 1600 1600 1600	Tle 145 CCC Pro Gag Glu Gaa Glu Gtg Val Gar Xaa 225 Glb Val	ncc Xaa Cag Gln qaa Glu acc Thr aag Lys 210 gtg Val	aaa Lys tth Phe cat His Ala Caa Gln tto Phe	mat Xaa gag Glu qtc Val 180 gag Glu att Ile Gly atg	ggc Gly tto Phe 165 aaa Lys cca Pro 939 Gly gag Glu ctg Leu 245 otc	Phe 150 ctu atg Met 999 Xaa 900 Ala 230 atc 14e cag	Tas cac His gtg Val gtq Val gct Ala tac Tyr 215 att Tle ctr Leu	ctg Deu goo Ala ayg goa Ala 200 ago Ser coo Pro gtg Val	gtt Val tac Tyr aqt Ser 185 tac Tyr gcc Ala otq Val tat	att Ile tqq tqq 170 qqq tqt Cys the yal yal yal tqc	gag (155 (asg (asg (asg (asg (asg (asg (asg (asg	ten Len agg Arg att The agg Lys cag Gln 220 gcc Ala etg Len	gag Glu gag Glu coa Pro GC Ala 205 aca Thr ctg Leu Leu	746 794 842	lesse	al espe	reet	an ly co	ender endon

RAW SEQUENCE LISTING DATE: 01/02/2001 PATENT APPLICATION: US/09/265,540C TIME: 12:53:41

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131 glo che cha gad acc titg aua ala acc uan tou dec dag aug tha and 986 132 Val Leu Pro Asp Thr bed Lys He Thr Ash Ser Pro Gln Lys Leu He 133 270275280135 age the aga age gag gag gig gut ace tot gee and get gig ate ter 1034 136 Ser Cys Arg Arg Glu Glu Val Asp Ala Cys Ala Thr Ala Val Met Ser 137 390295 139 cet gag gan cle etc agu que tog ate tea taggittque gaagggedea 1084 140 Pro Glu Glu Lou Lou Arg Ala Trp lle Ser 305 310 143 ggf gaaqong agaacotggt otgoalgana tygaaacoat gaggggacaa gttytgmtoc 1144 145 tgttlitecge cacqqaeaag qyatgaqaqa agtagqaaga qootgttgte tacaagteta 1204 147 qaaqcaacca teaqaqqcaq qqtqqtrtqt ckaacaqaac.aaptqaetqa qqytakrgqq 1264 149 gwtgtgaeet etagaetkfg ggstkseayt igewtggytg ageaaccetg ggaaaagtga 1324 151 cttcatccct tnggtccnaa gttttctcat ctgtaatggg ggatncctac aaaactg 154 < 210 > SEO'TD NO: 2155 <211> TENGTH: 311 156 <212> TYPE: PRT 157 <213> ORGANISM: primate 159 <400> SEQUENCE: 2 160 Met Gln Thr Phe Thr Met Val Leu Glu Glu Ele Trp Thr Ser Leu Phe 10163 Met. Trp Phe Phe Tyr Ala Lou Ile Pro Cys Leu Thr Asp Glu Val 20 25 166 Ala Ile Leu Pro Ala Pro Gin Ash Leu Ser Val Leu Ser Thr Ash Met 16735 4 () 169 Lys His Leu Leu Met Trp Ser Pro Val Lle Ala Pro Gly Glu Thr Val 17() 55 172 Tyr Tyr Ser Val Glu Tyr Gln Gly Glu Tyr Glu Ser Leu Tyr Thr Ser 70 75 175 His The Trp The Pro Ser Ser Trp Cys Ser Leu The Glu Gly Pro Glu 85 178 Cys Asp Val Thr Asp Asp Ite Thr Ata Thr Val Pro Tyr Asn Len Arg 100105 181 Val Arg Ala Thr Lou Gly Sor Gin Thr Ser Ala Trp Ser lie Leu Lys 120184 His Pro Phe Asn Ang Asn Sen Thr The Leu Thn Ang Pro Gly Mot Glu 185 1351.40W--> 187 Ile(Xaa)Lys Xaa/Gly Phe His Leu Val Ile Glu Leu Glu Asp Leu Gly 188 145 W--> 190 Pro Gln Phe Glu Phe Leu Val Ala Tyr Trp(Xaa) Arg Glu Pro Gly Ala 193 Glu Glu His Val Lys Met Val Arg Sor Gly Gly The Pro Val His Lou 196 Glu Thr Met Glu Pro Gly Ala Ala Tyr Cys Val Lys Ala Gin Thr Phe W--> 199 Val Lys Ala Ile Gly (Xaa) Tyr Ser Ala Phe Ser Cln Thr Glu Cys Val W--> 202 (Xad Val Gln Gly Glu Ala Ile Pro Leu Val Leu Ala Leu Phe Ala Phe

sel dem 10 on Evan Summany Heet

RAW SEQUENCE LISTING DARE: 01/03/2001 PATENT APPLICATION: US/09/265,540C - IIME: 12:53:41

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208 Met Gir Arg Leu Leu Glm Tyr Ser Cys Cys Pro Val Val Val Leu Pro
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                                    265
211 Asp Thr Leu Lis The Thr Ash Ser Pro Gli Lys Leu He Ser Cys Arg
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232
233
                                           1.0
235 tyg the etg tee lat tyg aar ght acc ant gag eet eet gag age ale
236 Trp Phe Leu Ser Cys Trp Asn Val Thr Lie Gly Pro Pro Glu Ser Lie
                                     25
239 tog gtg acg cog gga gaa gor too ote ato ato agg tto too tot eco
                                                                      145
240 Trp Val Thr Pro Gly Glu Ala Ser Leu Lle The Arg Phe Ser Ser Pro
241
             35
                                 40
243 the gae gie cen eed aud etg ggo tat the dag nac tat ghe can tay
                                                                      1.93
244 Phe Asp Val Pro Pro Asn Leu Gly Tyr Phe Gln Tyr Tyr Val His Xaa
245
         50
                             55
247 typ qua and gog aga ato cau and git and ggt cot the and age and
                                                                      24.1
248 Trp Clu Lys Ala Hy Ile Cin Lys Val Lys Cly Pro Phe Lys Ser Asn
249 - 65
                         70
                                             75
251 nee ate gry tig gat gge tig aga eee his aga gaa tae hijt his caa
                                                                      289
252 Ser The Val Leu Asp Gly Leu Arg Pro Leu Arg Glu Tyr Cys Leu Gln
253
                     85
                                         90
255 gtg aag geg eat ote fift ege aca foo tgc aac acc for agg eec ggc
                                                                      337
256 Val Lys Ala His Len Phe Arg Thr Ser Cys Asn Thr Ser Arg Pro Gly
257 100 105 410
259 ege tha age aac ata act tgo had gas aca and and gat goo act acg
260 Ang two Ser Ash tle Thr Cys Tyr Glu Thr Met Met Asp Ala Thr Thr
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263 aaq elt caa caa gte atc ete atc gce gtg gga gte tit etg teg etg
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264 Lys Leu Glin Glin Val Ile Leu Ile Ala Val Gly Val Phe Leu Ser Leu
265
                            135
267 god dod one dod dad dde tot the the one one one aga tae aaa gde
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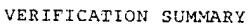
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RAW SEQUENCE LISTING DARE: 01/02/2001
PATENT APPLICATION: US/09/265,540C TIME: 12:53:41

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      276 Glu Glu Pyr Leu Lys Asp Pro Ser Glu Pro 11e Leu Glu Ala Leu Asp
      277
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      279 and god acq ten een nea gat got gee tyg god tig gig het git git
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      280 Lys Asp Thr Ser Pro Thr Asp Asp Ala The Asp Leu Val Ser Val Val
      281
                  195
                                       500
                                                           205
      283 yea tit oca yea ang yay caa yaa gat git coo caa ago ant tig and
                                                                             673
      284 Ala Phe Pro Ala Lys Glu Glu Glu Asp Val Pro Gln Ser Thr Leu Thr
      285
              210
                                   215
                                                       220
      287 can and ten got god give the taggething agranging to engaged and
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      288 Gln Asn Ser Gly Ala Val Cys
      289 225
                              230
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      293 adaagycccy tragtyccty tgaagabyta acgygtetca tyggggegac aagcutatty 844
      295 attituttet toaaactaug agtitutetaa toataogogi tittagaara attotacaga 904
      297 tatglococy aaugattaay attlototta aacactaaaa agacalgtaa ttaltigtta 964
      200 goaaatggge gtotggeacg octotgacao titttogtoa geagecagga cacgaggtee 1024
      301 cotontigat gaugecoots gggcagaeca tgtcacctgt cocagoctge cocaagaagg 1081
      303 gacuttaagt groccutott catalecaaa cacetygent gaaatgigat tageceteta 1744
      305 aatagtitoa caqagattaa gootittiitti oocccaagti aggaaraaaa gaetataatt 1204
      307 aactittiaa aabaadaaaa aaaaaaaaa aaaaabaaaa
                                                                             -1.244
      310 <210> SEQ ED NO: 4
      311 -211> TENGTH: 231
      312 + 21.2> TYPE: PRT
      313 <213> ONGANISM: primate
      315 <400> SEQUENCE: 4
      316 Arg Val Asp Pro Arg Val Arg Leu Val Ser Pro Trp Leu Thr Val Pro
      31.7
                            \mathbb{S}
                                               10
                                                                    1.5
     319 Trp Phe Leu Sor Cys Trp Asn Val Thr Ile Gly Pro Pro Glu Ser Tle
      320
                       20
                                            25
     322 Trp Val Thr Pro Gly Glu Ala Ser Leu Ile Ile Arg Phe Ser Ser P
      323
                                       4()
W--> 325 Phe Asp Val Pro Pro Asn Leu Gly Tyr Phe Gln Tyr Tyr Val His Xaa
      326
                                   55
                                                        60
     328 Trp Glu Lys Ala Gly He Gla Lys Val Lys Gly Pro Phe Lys Ser Asn
                               70
                                                   7.5
      331 Ser The Val Leu Asp Gly Leu Arg Pro Leu Arg Glu Tyr Cys Leu Gin
     334 Val Lys Ala His Leu Whe Arg Thr Ser Cys Asn Thr Ser Aru Wro Gly
                                          105
     337 Arg Leu Ser Ash tle Thr Cys Tyr Glu Thr Met Met Asp Ala Thr Thr
                                      120
     310 Lys Leu Gln Gln Val Tle Lou the Ala Val Gly Val Phe Leu Ser Leu
                                 -1.35
     343 Ala Ala Leu Ala Gly Gly Cys Phe Phe Leu Val Leu Arg Tyr Lys Gly
     344 145
                              -150
                                                  155
     346 Leu Val Lys Tyr Trp Phe His Ser Pro Pro Ser Ile Pro Ser Gln Lie
```



DATE: 01/01/2001 PATENT APPLICATION: US/09/265,540C - PIME: 12:53:42

Input Set : A:\804k.app

Output Sot: N:\CRF3\01022001\1265540C.raw

```
716:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
Ja: 100 M: 341 W: (46) "n" or "kaa" used, for SEQ 10#:1
Ju: 104 M: 34% W: (46) "." or "Naa" used, for SEQ ID:: T
Ja: 146 M: 341 W: (46) ." or "Nau" used, for SEO 1D4: 1
DL:120 M:341 W: (46) "a" or "Naa" used, for SEQ TD#:1
J.: 151 M: 341 W: (46) "a" or "Kaa" used, for Sky iDe: 1
1.:187 M:258 W: Mandatory Feature missing, <220> not found for SEQ 1D#:2
I.: 187 M: 258 W: Mandatory Peature missing, <221> not found for SEQ 104:2
1.:187 M:258 W: Mandatory Feature missing, <222> not found for SEQ 1DE:2
12:187 M:258 W: Mandatory Peature missing, <223> not found for SEQ 1D#:2
L:187 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2
L:190 M:258 W: Mandator Feature missing, <220> not found for SEO 1Da:2
1.:190 M:258 W: Mandatory Feature missing, <221> not found for SEQ 1Ds:2
Ta: 190 M: 258 W: Mandatory Peature missing, <222> not found for SEQ ID#: 2
15:190 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
M:340 Repeated in SeqNo=2
Lo:199 M:258 W: Mandatory Feature missing, <220> not found for SEO ID#:2
Ta: 199 M: 258 W: Mandatory Peature missing, <221> not found for SEQ ID#:2
To: 199 M: 258 W: Mandatory Feature missing, <222> not found for SEQ TD#: 2
EL:199 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
L:202 M:258 W: Mandatory Feature missing, <220> not found for SEQ (D#:2
TJ:202 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2
T.: 202 M: 258 W: Mandatory Feature missing, <222> not found for SEQ TD#: 2
12:202 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
1.:244 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
Ta: 244 M: 340 M: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3
12:325 M:258 W: Mandatory Peature missing, <220> not found for SEQ ID#:4
for 325 M: 258 W: Mandagory Feature missing, <221> not found for SEQ TD#:4
E::325 M:258 W: Mandatory Feature missing, <222> not found for SEQ TD#:4
L:325 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:325 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
```